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>Title: **CN1081168A: MODIFIED PORTLAND CEMENT COMPOSITE MATERIAL AND ITS APPLICATION**

Derwent Title: Modified Portland cement composite material ([Derwent Record](#))

Country: CN China

Kind: A Unexamined APPLIC. open to Public inspection!



High
Resolution

Inventor: DU CHENGYU; China

Assignee: CONSTRUCTION ENGINEERING RESEARCH INST.,
BEIJING China
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Published / Filed: 1994-01-26 / 1993-07-28

Application Number: CN19939393108869

IPC Code: C04B 28/22; C04B 14/38; E04C 2/04;

ECLA Code: C04B28/18C2;

Priority Number: 1993-07-28 CN19939393108869

Abstract: The present invention relates to a modified Portland cement composite material and the method of using it as gelatinizer in the prodn of 6-20 mm thick building components. Its hydrate has reduced liquid-phase alkalinity, which enables it to act as gelatinizer of fibre-reinforced cement. 20-50% volcanic ash material as well as sand, water and reinforcing fibre are added into Portland cement to produce building components, which are cured at 50-90 deg.C and 80-100% RH. The present invention makes it possible to reduce the cost of building components greatly.

Family:

PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	CN1081168A	1994-01-26	1993-07-28	MODIFIED PORTLAND CEMENT COMPOSITE MATERIAL AND ITS APPLICATION
1 family members shown above				

Forward References:

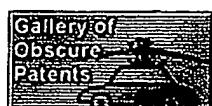
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PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6572697	2003-06-03	Gleeson; James A.	James Hardie Research Pty Limited	Fiber cement building materials with low density additives

Other Abstract
Info:



CHEMABS 122(08)087756K CAN122(08)087756K DERABS C95-155696 DERC95-155696



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